

APPLICANTS: Wands et al.

FILED: Herewith

In the claims:

Cancel claims 1-28 and 37-38.

Amend claim 34 and add new claims 39-58

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A2
B7
34. A kit for diagnosis of a tumor in a mammal, comprising a monoclonal antibody that binds to an epitope of HAAH.

A3
39. The antibody of claim 29, wherein said antibody is a HAAH-binding fragment of FB50.

40. The antibody of claim 39, wherein said fragment is a FB50 Fab or (Fab)₂ fragment.

41. The antibody of claim 39, wherein said antibody is a FB50 single chain Fv molecule.

42. The antibody of claim 29, wherein said antibody is a single chain Fv molecule.

43. The antibody of claim 29, wherein said epitope is on the surface of a cell

44. The antibody of claim 29, wherein said antibody is FB50.

45. The composition of claim 33, wherein said antibody is a HAAH-binding fragment of FB50.

46. The composition of claim 33, wherein said antibody is a FB50 Fab or (Fab)₂ fragment.

47. The composition of claim 33, wherein said antibody is a FB50 single chain Fv molecule.

48. The composition of claim 33, wherein said antibody is a single chain Fv molecule.

49. The composition of claim 33, wherein said antibody binds to an HAAH epitope on the surface of a cell.

50. The composition of claim 33, wherein said antibody is FB50.

51. The composition of claim 33, wherein said cytotoxic agent is ricin.

52. The composition of claim 33, wherein said cytotoxic agent is diptheria toxin.

53. The kit of claim 34, wherein said antibody is a HAAH-binding fragment of FB50.

54. The kit of claim 34, wherein said antibody is a FB50 Fab or (Fab)₂ fragment.

55. The kit of claim 34, wherein said antibody is a FB50 single chain Fv molecule.

56. The kit of claim 34, wherein said antibody is a single chain Fv molecule.

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Cont
Q3

57. The kit of claim 34, wherein said HAAH epitope on the surface of a cell.

58. The kit of claim ~~34~~, wherein said antibody is FB50.

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